ABSTRACT

A back pressure chamber 12 provided on a back surface of an orbiting scroll 5 is divided into an inner region 12a and an outer region 12b by an annular seal 11. A diameter d of the annular seal 11 is set 0.5 times or more of a diameter D of an orbiting mirror plate 5a. With this, plus thrust force can be applied to the orbiting scroll 5 irrespective of magnitude of a discharge pressure Pd applied to the inner region 12a. Therefore, it is possible to push the orbiting scroll 5 against the fixed scroll 4 only by back pressure of discharge pressure. A set pressure Pm of the outer region 12b is reduced to a value close to a suction pressure Ps, a pressure adjusting mechanism 20 is swiftly opened after a scroll compressor is started. With this, lubricant oil is supplied from the outer region 12b to the suction space 9 without a time lag.